



Electronic Filing System (EFS) Data

Electronic Patent Application Submission

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EFS ID: 55178

Application ID: 10691593



Title of Invention: SWITCHABLE VOLUME
HOLOGRAM MATERIALS AND
DEVICES

First Named Inventor: Richard Sutherland

Domestic/Foreign Application: Domestic Application

Filing Date: 2003-10-24

Effective Receipt Date: 2004-02-10

Submission Type: Information Disclosure
Statement

Filing Type:

Confirmation number: 7316

Attorney Docket Number: SAIC0003-C3-C

Total Fees Authorized:

Digital Certificate Holder: cn=George T. Marcou.,ou=Registered Attorneys,ou=Patent and
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US
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Electronic Version v1.1
Stylesheet Version v1.1.0

Title of Invention	SWITCHABLE VOLUME HOLOGRAM MATERIALS AND DEVICES	
Application Number:	10/691593	
Date:	2003-10-24	
First Named Applicant:	Richard L. Sutherland	
Confirmation Number:	7316	
Attorney Docket Number:	SAIC0003-C3-C	
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Submitted by:	Elec. Sign.	Sign. Capacity
George T. Marcou Registered Number: 33,014	/George T. Marcou/	Attorney
Documents being submitted us-ids	Files SAIC0003-C3-C-1-usidst.xml us-ids.dtd us-ids.xsl	
Comments	<p>This is Part 1 of a three-part IDS submission electronically filed on February 10, 2004.</p>	



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	SWITCHABLE VOLUME HOLOGRAM MATERIALS AND DEVICES						
Application Number:	10/691593 						
Confirmation Number:	7316						
First Named Applicant:	Richard Sutherland						
Attorney Docket Number:	SAIC0003-C3-C						
Art Unit:	2872						
Search string:	(6211976 or 6172778 or 6115152 or 5942157 or 5937115 or 5930011 or 5915051 or 5875012 or 5862214 or 5852504 or 5832148 or 5771320 or 5751452 or 5748272 or 5734485 or 5731853 or 5725970 or 5706375 or 5698343 or 5698134 or 5695682 or 5682214 or 5680233 or 5661577 or 5661533 or 5648857 or 5641426 or 5593615 or 5547786 or 5544268 or 5529861 or 5499118 or 5488681 or 5471326 or 5453338 or 5384067 or 5376095 or 5366462 or 5363228 or 5356557 or 5354498 or 5332618 or 5330486 or 5330264 or 5328800 or 5323251 or 5313317 or 5303322 or 5299289 or 5291317).pn.						
US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	6211976	2001-04-03	Popovich, et al.	359	15	
	2	6172778	2001-01-09	Reinhorn, et al.	359	15	
	3	6115152	2000-09-05	Popovich, et al.	359	15	
	4	5942157	1999-08-24	Sutherland, et al.	252	582	
	5	5937115	1999-08-10	Domash	385	16	
	6	5930011	1999-07-27	Gambogi, Jr., et al.	359	15	
	7	5915051	1999-06-22	Damask, et al.	385	16	
	8	5875012	1999-02-23	Crawford, et al.	349	74	
	9	5862214	1999-01-19	Aggus, et al.	379	435	

	10	5852504	1998-12-22	Kato, et al.		359	9
	11	5832148	1998-11-03	Yariv		385	16
	12	5771320	1998-06-23	Stone		385	16
	13	5751452	1998-05-12	Tanaka, et al.		359	52
	14	5748272	1998-05-05	Tanaka, et al.		349	86
	15	5734485	1998-03-31	Buchkremer, et al.		359	25
	16	5731853	1998-03-24	Taketomi, et al.		349	15
	17	5725970	1998-03-10	Martin, et al.		430	2
	18	5706375	1998-01-06	Mihailov, et al.		385	24
	19	5698343	1997-12-16	Sutherland, et al.		430	1
	20	5698134	1997-12-16	Jubb, et al.		252	299.01
	21	5695682	1997-12-09	Doane, et al.		252	299.01
	22	5682214	1997-10-28	Amako, et al.		349	74
	23	5680233	1997-10-21	Faris, et al.		359	41
	24	5661577	1997-08-26	Jenkins, et al.		359	11
	25	5661533	1997-08-26	Wu, et al.		349	169
	26	5648857	1997-07-15	Ando, et al.		359	12
	27	5641426	1997-06-24	Nerad, et al.		252	299.01
	28	5593615	1997-01-14	Nerad, et al.		252	299.01
	29	5547786	1996-08-20	Brandstetter, et al.		430	1
	30	5544268	1996-08-06	Bischel, et al.		385	4
	31	5529861	1996-06-25	Redfield		430	1
	32	5499118	1996-03-12	Wreede, et al.		359	12
	33	5488681	1996-01-30	Deacon, et al.		385	37
	34	5471326	1995-11-28	Hall, et al.		359	15
	35	5453338	1995-09-26	Suga, et al.		430	1
	36	5384067	1995-01-24	Doane, et al.		252	299.01
	37	5376095	1994-12-27	Ortiz		505	143
	38	5366462	1994-11-22	Kaster, et al.		505	153
	39	5363228	1994-11-08	DeJule, et al.		359	117
	40	5356557	1994-10-18	Jubb, et al.		252	299.01
	41	5354498	1994-10-11	Akashi, et al.		252	299.01
	42	5332618	1994-07-02	Austin		428	216
	43	5330486	1994-07-19	Wilk		606	139
	44	5330264	1994-07-19	Ando, et al.		359	12
	45	5328800	1994-07-12	Yokoya, et al.		430	203

46	5323251	1994-06-21	Coates, et al.	359	51
47	5313317	1994-05-17	Saburi, et al.	359	13
48	5303322	1994-04-12	Winston, et al.	385	146
49	5299289	1994-03-29	Omae, et al.	359	95
50	5291317	1994-03-01	Newswanger	359	15

Signature

Examiner Name	Date



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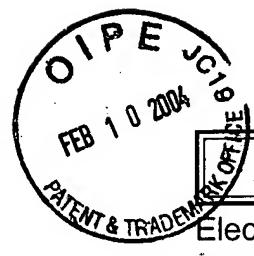
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Submitted by:	Elec. Sign.	Sign. Capacity
George T. Marcou Registered Number: 33,014	/George T. Marcou/	Attorney
Documents being submitted us-ids	Files SAIC0003-C3-C-2-usidst.xml us-ids.dtd us-ids.xsl	
Comments		
This is Part 2 of a three-part IDS submission electronically filed on February 10, 2004.		



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Art Unit:	2872						
Search string:	(5272550 or 5270843 or 5264950 or 5258008 or 5240636 or 5235445 or 5234447 or 5227906 or 5227859 or 5210630 or 5198912 or 5188638 or 5182180 or 5182665 or 5174276 or 5170925 or 5166813 or 5144690 or 5136666 or 5105298 or 5096282 or 5084203 or 5047040 or 5015249 or 5014709 or 5011624 or 5003386 or 4994204 or 4983176 or 4942102 or 4938568 or 4930674 or 4929240 or 4923269 or 4891152 or 4857425 or 4856876 or 4832424 or 4818070 or 4810063 or 4809713 or 4728547 or 4688900 or 4673241 or 4560249 or 4416540 or 4374371 or 4368736 or 4210132 or 4124947).pn.						
US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
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	2	5270843	1993-12-14	Wang	359	52	
	3	5264950	1993-11-23	West, et al.	359	51	
	4	5258008	1993-11-02	Wilk	606	219	
	5	5240636	1993-08-31	Doane, et al.	252	299.01	
	6	5235445	1993-08-10	Hirai, et al.	359	52	
	7	5234447	1993-08-10	Kaster, et al.	606	153	
	8	5227906	1993-07-13	Tokumitsu	359	117	
	9	5227859	1993-07-13	Leib, et al.	556	347	

	10	5210630	1993-05-11	Heynderickx, et al.		359	106
	11	5198912	1993-03-30	Ingwall, et al.		359	3
	12	5188638	1993-02-23	Tzakis		606	153
	13	5182180	1993-01-26	Gambogi, Jr., et al.		430	1
	14	5182665	1993-01-26	O'Callaghan, et al.		359	95
	15	5174276	1992-12-29	Crockard		128	4
	16	5170925	1992-12-15	Madden, et al.		227	175
	17	5166813	1992-11-24	Metz		359	15
	18	5144690	1992-09-01	Domash		385	12
	19	5136666	1992-08-04	Anderson, et al.		385	24
	20	5105298	1992-04-14	Schellenberg		359	3
	21	5096282	1992-03-17	Margerum, et al.		359	3
	22	5084203	1992-01-28	Sansone, et al.		252	299.5
	23	5047040	1991-09-10	Simpson, et al.		606	159
	24	5015249	1991-05-14	Nakao, et al.		606	142
	25	5014709	1991-05-14	Bjelkhagen, et al.		128	654
	26	5011624	1991-04-30	Yamagishi, et al.		252	299.5
	27	5003386	1991-03-26	Doyle, et al.		358	90
	28	4994204	1991-02-19	Doane, et al.		252	299.01
	29	4983176	1991-01-08	Cushman, et al.		606	151
	30	4942102	1990-07-17	Keys, et al.		430	1
	31	4938568	1990-07-03	Margerum, et al.		350	334
	32	4930674	1990-06-05	Barak		227	179
	33	4929240	1990-05-29	Kirsch, et al.		606	151
	34	4923269	1990-05-08	Healey		350	96.15
	35	4891152	1990-01-02	Miller, et al.		252	299.01
	36	4857425	1989-08-15	Phillips		430	1
	37	4856876	1989-08-15	Fergason		350	350 F
	38	4832424	1989-05-23	McGrew		350	3.65
	39	4818070	1989-04-04	Gunjima, et al.		350	334
	40	4810063	1989-03-07	Fergason		350	347 V
	41	4809713	1989-03-07	Grayzel		128	785
	42	4728547	1988-03-01	Vaz, et al.		428	1
	43	4688900	1987-08-25	Doane, et al.		350	347 V
	44	4673241	1987-06-16	Nishiwaki, et al.		350	3.64
	45	4560249	1985-12-24	Nishiwaki, et al.		350	162.17

	46	4416540	1983-11-22	Nicholson		350	3.69
	47	4374371	1983-02-15	Narancic		337	159
	48	4368736	1983-01-18	Kaster		128	334 C
	49	4210132	1980-07-01	Perlin		128	1 R
	50	4124947	1978-11-14	Kuhl, et al.		40	453

Signature

Examiner Name	Date